

Title (en)

HEAT ENGINE WITH AN IMPROVED DEGREE OF EFFICIENCY

Title (de)

WÄRMEKRAFTMASCHINE MIT VERBESSERTEM WIRKUNGSGRAD

Title (fr)

MOTEUR THERMIQUE A RENDEMENT AMELIORE

Publication

**EP 1032750 A1 20000906 (DE)**

Application

**EP 98961120 A 19981104**

Priority

- DE 19750589 A 19971117
- EP 9806933 W 19981104

Abstract (en)

[origin: WO9925955A1] The invention relates to a method and a heat engine for converting heat energy (Q<sub>extern</sub>) into mechanical energy (W<sub>extern</sub>). The heat engine has a first thermodynamic cycle (steam cycle) and a second thermodynamic cycle (gas cycle). The heat lost (Q<sub>D</sub>) in the first cycle is fed to the second cycle and the heat lost (Q<sub>G</sub>) in the second cycle is fed to the first cycle.

IPC 1-7

**F01K 19/04**; **F01K 19/02**; **F01K 21/04**; **F01K 25/06**

IPC 8 full level

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CPC (source: EP)

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